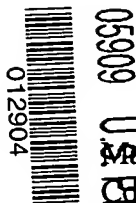


PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patent Application Transmittal



Mail Stop Patent Application
 Commissioner for Patents
 P.O. Box 1450
 Alexandria, VA 22313-1450

Sir:

Transmitted herewith for filing is the Patent Application of:

Inventor: Toshiharu Furukawa et al.

For: **VERTICAL FIELD EFFECT TRANSISTORS INCORPORATING
 SEMICONDUCTING NANOTUBES GROWN IN A SPACER-DEFINED
 PASSAGE**

ASSIGNEE NAME: INTERNATIONAL BUSINESS MACHINES CORPORATION

ASSIGNEE RESIDENCE: ARMONK, NEW YORK

Enclosed are:

- ☒ 22 Pages of Specification and 1 Abstract
☒ 13 Sheets of Drawings
☒ Declaration and Power of Attorney (Two)
☐ An Information Disclosure Statement and form PTO/SB/08A
☐ A certified copy of foreign application
☒ Assignment of the invention to International Business Machines Corporation, Armonk,
 New York 10504 (Two)

The filing fee has been calculated as follows:

| For: | No. Filed | No. Extra |
|---|-----------|-----------|
| Basic Fee | | |
| Total Claims | 41 -20 = | 21 |
| Indep. Claims | 2 -3 = | 0 |
| <input type="checkbox"/> Multiple Dependent Claim Presented | | |

Other Than Small Entity

| Rate | Fee |
|--------------|-------------------|
| | \$ 770.00 |
| x \$18.00= | \$ 378.00 |
| x \$86.00= | \$ 00.00 |
| \$290.00 | \$ 00.00 |
| TOTAL | \$1,148.00 |

EXPRESS MAIL CERTIFICATE

Express Mail Label No.: EV 407023435 US
 Date: January 29, 2004

I hereby certify that I am depositing the enclosed or attached paper with the U.S. Postal Service "Express Mail Post Office to Addressee" service on the above date, addressed to Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Lisa M. Plank

Patent Application Transmittal

Attorney Docket No. ROC920030272US1

Deposit Account Authorization:

- ☒ Please charge Deposit Account No. 09-0465 in the amount of \$1,148.00. A duplicate copy of this sheet is enclosed.
- ☒ The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account 09-0465. A duplicate copy of this sheet is enclosed.
- ☒ Any additional filing fees required under 37 C.F.R. §1.16.
- ☒ Any patent application processing fees under 37 C.F.R. §1.17.

Respectfully submitted,

Date: January 29, 2004

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